



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/780,741 Confirmation No.: 6941  
 Applicant: Robert Beach Filed: February 9, 2001  
 TC/A.U.: 2664 Examiner: Shah, Chirag G.  
 Docket No.: 931X Customer No.: 29,906

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Commissioner:

In accordance with 37 C.F.R. 1.56 and in a manner prescribed by 37 C.F.R. 1.97 and 1.98, this Information Disclosure Statement (IDS) is being submitted herewith for consideration by the United States Patent and Trademark Office (Office).

I. CONTENT

This IDS includes:

a) A list of all patents, publications, applications, or other information submitted for consideration by the Office on PTO/SB/08A Form, which is included herewith, including Patents, publications, applications, or other information, including materials that were previously submitted for consideration by the Office and to the best of Applicant's knowledge have not been acknowledged by the Office with the Examiner's initials indicating that the reference has been considered by the Examiner. **Therefore, the Examiner is respectfully requested to initial all references provided on the PTO/SB/08A Form included herewith.**

b) If required, a legible copy of: (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) each cited pending U.S. application, the application specification including claims, and any drawing of the application, or that portion of the application which caused it to be listed including any claims directed to that portion; and (iv) all other information or that portion which caused it to be listed, unless subsequently provided in this IDS.

II. CONCISE EXPLANATION OF THE RELEVANCE

Except as may be subsequently indicated in this section II, a concise explanation is not required as all of the patents, publications, applications or other information are in the English language, or the degree of relevance of each is indicated in the English language version of the International Search Report, which accompanies this IDS.

A copy of the translation of a non-English Language document, or portion thereof is enclosed with this IDS (e.g., a translation of an abstract).

III. THIS IDS IS BEING FILED UNDER 37 C.F.R. 1.97(c):

After the period specified in 37 C.F.R. 1.97(b) and before the mailing date of any of a final action under 1.113, a notice of allowance under 1.311 or an action that otherwise closes prosecution in the application, and accompanied by the fee set forth in 1.17(p).

IV. CONCLUSION

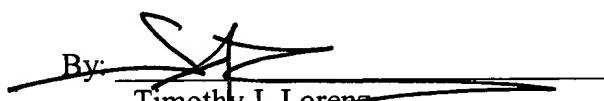
It is respectfully submitted that the claims presently on file patently distinguish the present invention from each of these references cited in this IDS. The references cited in this IDS are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art. Furthermore the filing of this IDS should not be construed to be an admission that the information cited in this IDS is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In addition, the filing of this IDS should not be construed as a representation that a search has been made.

If the Examiner has any questions concerning these IDS, the Examiner is requested to contact the undersigned at the telephone number associated with Customer No. 29,906. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. 50-2091.

Please charge any additional fees or credit any overpayment related to this IDS to Deposit Account No. 50-2091.

Respectfully submitted,

Date: 05/11/06

By:   
Timothy J. Lorenz  
Reg. No. 41,954

**Ingrassia Fisher & Lorenz**  
**Customer Number 29906**

Enclosures:  PTO/SB/08A  
 References  
 Foreign Search Report  
 Fee  
 Other: \_\_\_\_\_



Substitute for form 1449A/PTO

MAY 15 2006

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

**Complete if Known**

<b>Application Number</b>	09/780,741
<b>Filing Date</b>	02/09/2001
<b>First Named Inventor</b>	Beach
<b>Group Art Unit</b>	2664
<b>Examiner Name</b>	Shah, Chirag G.
<b>Attorney Docket Number</b>	931X

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number			
		US-5239673	Natarajan	08-24-1993	
		US-5371738	Moelard , et al.	12-06-1994	
		US-5432814	Hasegawa	07-11-1995	
		US-5457557	Zarem, et al.	10-10-1995	
		US-5461627	Rypinski	10-24-1995	
		US-5490139	Akagiri	02-06-1996	
		US-5502726	Fischer	03-26-1996	
		US-5504746	Meier	04-02-1096	
		US-5506887	Emery, et al.	04-09-1996	
		US-5602843	Gray	02-11-1997	
		US-5610972	Emery, et al.	03-11-1097	
		US-5623495	Eng, et al.	04-22-1997	
		US-5636220	Vook, et al.	06-03-1097	
		US-5668803	Tymes , et al.	09-16-1997	
		US-5717737	Doviak, et al.	02-10-1098	
		US-5734963	Fitzgerald, et al.	03-31-1998	
		US-5737328	Norman, et al.	04-07-1098	
		US-5758281	Emery, et al.	05-26-1998	
		US-5765112	Fitzgerald, et al.	06-09-1998	
		US-5768531	Lin	07-16-1998	
		US-5771353	Eggleson, et al.	06-23-1998	
		US-5796729	Greaney, et al.	08-18-1998	
		US-5835696	Hess	11-10-1998	
		US-5852405	Yoneda, et al.	12-22-1998	
		US-5870385	Ahmadi, et al.	02-09-1999	
		US-5873085	Enoki, et al.	02-16-1999	
		US-5875186	Belanger, et al.	02-23-1999	
		US-5881094	Schilling	03-09-1999	
		US-5889816	Agrawal, et al.	03-30-1999	
		US-5918181	Foster, et al.	06-29-1999	
		US-5946617	Portaro, et al.	08-31-1999	
		US-5974034	Chin, et al.	10-26-1999	
		US-5999295	Vowell, et al.	12-07-1999	
		US-6005884	Cook, et al.	12-21-1999	
		US-6011975	Emery, et al.	01-04-2000	
		US-6088346	Du, et al.	07-11-2000	
		US-6119162	Li, et al.	09-12-2000	
		US-6137797	Bass, et al.	10-24-2000	
		US-6140911	Fisher, et al.	10-31-2000	
		US-6154461	Sturniolo, et al.	11-28-2000	
		US-6213942	Flach, et al.	04-10-2001	
		US-6272120	Alexander	08-07-2001	
		US-6301618	Sitaraman, et al.	10-09-2001	
		US-6359873	Kobayashi	03-19-2002	



US-6393261	Lewis	05-21-2002
US-6400722	Chuah, et al.	06-04-2002
US-6414950	Rai, et al.	07-02-2002
US-6415323	McCanne, et al.	07-02-2002
US-6473449	Cafarella, et al.	10-29-2002
US-6496499	Hamilton, et al.	12-17-2002
US-6590884	Panasik	07-08-2003
US-6590885	Jorgensen	07-08-2003
US-6717926	Deboille, et al.	04-0620-04
US-6724730	Mlinarsky, et al.	04-20-2004
US-6751250	Kirke, et al.	06-15-2004
US-6760859	Kim, et al.	07-06-2004
US-2001/0055283	Beach	12-27-2001
US-2002/0099972	Walsh, et al.	07-25-2002
US-2002/0196763	Reynolds, et al.	12-26-2002
US-2003/0105865	McCanne, Steven ; et al.	06-05-2003
US-2003/0112820	Beach, Robert	06-19-2003
US-2005/0028032	Klein	02-03-2005
US-2005/0157690	Frank, et al.	07-21-2005
US-2005/0226181	Beach, Robert	10-13-2005

## FOREIGN PATENT DOCUMENTS

**NON PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

		Proxim, Inc., White Paper, "What is a Wireless LAN"
		Rypinski, Chandos "Motivation for Centralized LAN Functions," Personal, Indoor and Mobile Radio Communications, 1992. Proceedings, PIMRC '92, Third IEEE International Symposium on Boston, MA, USA 19-21, Oct. 1992, New York, NY, USA, IEEE, US, 19 October 1992, pages 153-158, ISBN: 0-7803-0841-7

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.